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My dear Michael!

It is time now to send Christmas greetings to the States, since "Drottningholm" is expected to leave about the day after tomorrow. I am anxious to start and write the first of my Christmas letters to you and wish you, Nina and Charlie a very good Christmas and also a happy new year.

Here in Uppsala (as in all of Scandinavia) our thoughts are going to Finland and we feel such a disgust, when we think of what Russia is doing to her. For the moment it does not seem as Russia is ~~not~~ advancing very much, but after all it will probably only be possible for Finland to stop Russia temporarily, except if Russia gets engaged elsewhere.

The situation for the other Scandinavian

Countries does not look very bright. Germany has started to criticize Sweden very much in their radio-broadcast and it does not seem quite impossible that Germany may want to occupy parts of Sweden before Russia is through with Finland. We may thus risk a Russian attack in the north and a German in the south. Time will show.

And all these troubles we can thank Hitler for (or his worst man Ribbentrop). Do you think that these people have realized that when Russia is through with Finland, etc. then it probably turns toward Germany. It is quite evident that all Russia's strategic steps are directed toward Germany. What does the real German (not Nazi-) say to all these things? What has the Nazis not betrayed?

Do you remember Mylt Kowalsky who worked here for some time in 1936. He has succeeded to come to Paris now, but he did not know anything about his family who were in Warsaw.

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We have sent some greetings to his family and the other day he got a post-card from Mrs Hystkowsky saying that she and two children were all right. I think he shall be happy, when he gets this message!

If the communications between Upsala and Denmark should be cut for instance through an German occupation of Denmark and a German attack on Sweden would you and Nina be so kind and act as a mail clearing central? In some days we may send you a list with the names of our family and their addresses. It may be necessary to send the mail via Switzerland, where we have some good friends. Of course we do hope that it never shall be necessary to trouble you with this, but it seems better to be prepared for the worst.

I have continued my studies on the salt effect on the sedimentation diagram of for normal human serum. It is quite extraordinary strong effects that ~~you~~ one gets. When

Studied in a proper way it is possible to discover changes in the salt concentration (added salt) corresponding to less than 0.01 molar, for a given serum when the salt concentration is around the physiological one. It is also very easy to distinguish between the different salts. Some show a quantitative difference, others as well a quantitative as a qualitative difference. I cannot help thinking that this phenomenon is in some way connected with the regulation mechanism in the blood. - I hope to be able to write a paper about these things soon. At the same time I shall show that some of Kekwick's problems with differences between centrifuge and electrophoresis experiments are quite imaginary! My centrifuge and electrophoresis experiments agree quite good with those published recently in J. Exp. Med. by McJames, Longworth and Stedman. I am so happy for my results gained during the last months, because they seems to throw

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new light on the serum problem and I now know how to treat and understand the sedimentation diagrams for normal serum (and also several of McFarlanes pathological diagrams). It has been a great help to have all these things to think upon during this fall! Else it has been difficult with mental work.

At the institute work is going on more or less as usual and every working place is occupied, so we cannot take in more people before some other leaves. Since this spring we have 3 centrifuges and they have been in continuous use since I returned from my interrupted (thanks to Hitler!) holidays.

I am so glad to have Arne back in Uppsala again. I missed him very much when he was in the States. So many new problems have arisen by the world situation. I am sure The is also glad to have Arne back again. While Arne was away The ^{or world} could } only discuss the affairs of the institute

with me, now we also Arne!

We include two pictures of Tennant taken recently. We are both so happy for him and we enjoy him so much. He is almost always in such a good humour!

Now I think that I must finish this letter. All my best wishes for Christmas and the new year to you, Nina and Charlie,
yours ever
Kai.